Form PTO-1449 (Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
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Atty. Docket No. 1789-01910	Serial No. 09/510,966
Applicants Rohit V. GAIKWAD et al.	
Filing Date February 21, 2000	Group 2643

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
BKT	AA	4,870,657	09/26/89	Bergmans et al.	375	14	06/08/88
BKT	AB	5,063,351	11/05/91	Goldthorp et al.	324	628	09/24/90
BKT	AC	5,181,198	01/19/93	Lechleider	370	32.1	03/12/91
BKT	AD	5,479,447	12/26/95	Chow et al.	375	260	05/03/93
BKT	AE	5,519,731	05/21/96	Cioffi	375	260	04/14/94
BKT	AF	5,561,686	10/01/96	Kobayashi et al.	375	200	08/24/92
BKT	AG	5,668,802	09/16/97	Chalmers et al.	370	276	11/07/94
BKT	AH	5,673,290	09/30/97	Cioffi	375	260	06/07/95
BKT	AI	5,781,541	07/14/98	Schneider	370	335	05/03/95
BKT	AJ	5,887,032	03/23/99	Cioffi	375	257	09/03/96
BKT	AK	5,953,700	09/14/99	Kanevsky et al.	704	246	06/11/97
	AL	6,067,313	05/23/00	Cafarella et al.	375	130	06/22/98

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES	Translation NO
BKT	AM	US98/27154	12/18/98	PCT				
BKT	AN	WO 98/34351	01/23/98	PCT				
BKT	AO	WO 99/33215	12/18/98	PCT				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BKT	AP	*Spectral Optimization And Joint Signaling Techniques For Communication In The Presence Of Crosstalk*, Serial No. 09/107,975, filed June 30, 1998
BKT	AQ	*Spectral Optimization And Joint Signaling Techniques With Upstream/Downstream Separation For Communication In the Presence Of Crosstalk*, Serial No. 09/145,349, filed September 1, 1998
BKT	AR	*Spectral Optimization And Joint Signaling Techniques With Multi-Line Separation For Communication In The Presence Of Crosstalk*, Serial No. 09/144,934, filed September 1, 1998
BKT	AS	*Spectral Optimization For Communication In The Presence Of Crosstalk Under A Peak Frequency-Domain Power Constraint And With Optimally Grouped Spectral Bands*, Serial No. 09/266,413, filed March 10, 1999

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
BKT.	AT	*Architecture and performance simulation of single pair H*, W. Y. Chen, Converging Technologies for Tomorrow's Applications, 1996 IEEE Inter Conference, Vol. 3, Pages 1421-1425.
BKT.	AU	*Evaluation of Near-End Crosstalk Noise Affecting ADSL Systems*, M. Carbonelli et al, Singapore ICCS Conference 1994, 0-7803-2046-8/94 1994 IEEE, Pages 630-634.
BKT.	AV	*Joint Signaling Strategies for Approaching the Capacity of Twisted-Pair Channels*, A. Sendonaris et al., IEEE Transactions On Communications, Vol. 46, No. 5 May 1998, Pages 673-685.
BKT.	AW	*Joint Signaling Strategies for Maximizing the Capacity of Twisted Pair Loops*, A. Sendonaris et al., (10 p.)
BKT.	AX	*Performance and Spectral Compatibility of MONET-PAM HDSL2 with Ideal Transmit Spectra – Preliminary Results*, McCaslin et al., T1E1.4/97-307, September 1997, Pages 1-5.
BKT.	AY	*A Proposal for DHSL2 Transmission: OPTIS*, Rude et al., T1E1.4/97-238, June 1997, Pages 1-3.
BKT.	AZ	*OPTIS Performance and Spectral Compatibility*, Rude et al., T1E1.4/97-239, June 1997, Pages 1-4.
BKT.	BA	*Performance and Spectral Compatibility of MONET (R1) HDSL2 with Ideal Transmit Spectra – Preliminary Results*, McCaslin et al., T1E1.4/97-412, December 1997, Pages 1-6.
BKT.	BB	*Updated OPTIS PSD Mask and Power Specification for HDSL2*, Girardeau et al., T1E1.4/97-435, December 1997, Pages 1-6.
BKT.	BC	*Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come*, Bingham, IEEE Communications Magazine, May 1990, Pages 5-15.
BKT.	BD	*Full-Duplex 2B1Q Single-Pair HDSL Performance and Spectral Compatibility*, Kerpez, T1E1.4/95-127, November 1995, Pages 1-8.
BKT.	BE	*Normative Text for Spectral Compatibility Evaluations*, Zimmerman, T1E1.4/97-180R1, June 1997, Pages 1-10.
BKT.	BF	*Optimization of Discrete Multitone to Maintain Spectrum Compatibility with Other Transmission Systems on Twisted Copper Pairs*, Barton et al., IEEE Journal on Selected Areas in Communications, Vol. 13, No. 9, December 1995, Pages 1558-1563.
BKT.	BG	*Near-End Crosstalk is Almost Gaussian*, Kerpez, IEEE Transactions on Communications, Vol. 41, No. 1, January 1993, Pages 670-672.
BKT.	BH	*The Multitone Channel*, Kalet, IEEE Transactions on Communications, Vol. 37, No. 2, February 1989, Pages 119-124.
BKT.	BI	*Achievable Information Rates on Digital Subscriber Loops: Limiting Information Rates with Crosstalk Noise*, Aslanis, Jr., et al., IEEE Transactions on Communications, Vol. 40, No. 2 February 1992, Pages 361-372.
BKT.	BJ	*A Practical Discrete Multitone Transceiver Loading Algorithm for Data Transmission over Spectrally Shaped Channels*, Chow et al., IEEE Transactions on Communications, Vol. 43, No. 2/3/4, February/March/April 1995, Pages 773-775.
BKT.	BK	*On the Capacity of a Twisted-Wire Pair: Gaussian Model*, Kalet et al., IEEE Transactions on Communications, Vol. 38, No. 3, March 1990, Pages 379-383.
BKT.	BL	*The HDSL Environment*, Werner, IEEE Journal on Selected Areas in Communications, Vol. 9, No. 6, August 1991, Pages 785-800.
BKT.	BM	*Digital Communication, Second Edition*, Lee et al., Kluwer Academic Publishers 1994, Pages 489-491.
BKT.	BN	*Performance and Spectral Capability of OPTIS HDSL2*, Zimmerman, T1E1.4/97-237, June 1997, Pages 1-7.
BKT.	BO	*Performance Evaluation of OPTIS for HDSL2*, Takatori et al., T1E1.4/97-240, June 1997, Pages 1-4.

EXAMINER	BINH K. TIEU	DATE CONSIDERED	NOV. 14, 2003

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.